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PATENT  
Attorney Docket No.: 029060-000200US

PATENTIQUE PLLC

By: /kawai lau/  
Kawai Lau

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Krzysztof Palczewski, et al.

Application No.: 10/801,078

Filed: March 15, 2004

For: STABILIZED MUTANT OPSIN  
PROTEINS

Customer No.: 70680

Confirmation No. 9475

Examiner: Huang, G.G.

Technology Center/Art Unit: 1617

FIFTH RESPONSE UNDER 37 C.F.R. §  
1.116

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Sir:

This is a fifth reply to the “final” Office Action mailed August 25, 2010, which set November 25, 2010 as the initial deadline for reply. A Petition for a three-month extension of time, effective until February 25, 2011, was previously filed, and this Fifth Response is believed to be timely filed.

Previous Applicant responses were filed on September 8, October 19, and November 19, 2010 as well as February 4, 2011, and Applicants understand from the Advisory Actions mailed December 2 and 22, 2010, that the response filed November 19, 2010 was “entered” such that revised Claims 52 and 54-62 are pending.

This Fifth Response is also in reply to the Advisory Actions mailed December 2 and 22, 2010 as well as February 23, 2011, which further detail the basis of the rejections. Applicants respectfully request reconsideration in light of the following.